IN THE JNITED STATES PATENT AND SEMARK OFFICE

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EMARK OFFICE

Applicants:

BOHM, Christer; DANIELSON, Magnus; OLSSON, Bengt J.

Assignee:

Net Insight AB

Title:

Methods And Apparatuses For Providing Synchronization In A

Communication Network

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## PRELIMINARY AMENDMENT

Dear Sir:

Prior to the calculation of the fees, please amend the above application as follows (the unamended claims are shown in italics for the Examiner's convenience):

## IN THE CLAIMS

1. A method for providing synchronization in a communication network wherein data is transferred on bitstreams in frames, each frame of a bitstream being defined by a recurrent frame synchronization signal that is transmitted on said bitstream, said method comprising the steps of:

detecting a recurrent frame synchronization signal on a bitstream of said network; generating information relating to a frame synchronization status depending at least in part on the detected recurrent frame synchronization signal; and

transmitting said information to a frame synchronization providing node of said network, said information preferably being used at said frame synchronization providing node for affecting the provision of said recurrent frame synchronization signal based thereupon.

LAW OFFICES OF SKJERVEN MORRILL MACPHERSON LLP

25 METRO DRIVE SUITE 700 SAN JOSE, CA 95110 (408) 453-9200 FAX (408) 453-7979